

CAROLINA WATER SERVICE, INC.
2013-275-WS
REVENUE IMPACT ANALYSIS

REVISED EXHIBIT WJM-2

Calculated CWS Test Year Revenue Overview

	Customer Classification	Consumption in Gallons	Usage Charge per 1,000 gallons	Service Units	Base Facility Charge (BFC)	Test Year Calculated Revenues
WATER	Revenue Overview for Period January 1 to January 31, 2012 Rates approved by PSC					
	1" Purchase Water Comm.	18,120	\$2.03	5	\$29.02	\$182
	1.5" Purchase Water Comm.	2,776	\$2.03	1	\$58.04	\$64
	2" Purchase Water Comm.	629,155	\$2.03	9	\$92.86	\$2,113
	3" Purchase Water Comm.	2,303	\$2.03	1	\$174.12	\$179
	4" Purchase Water Comm.	0	\$2.03	1	\$290.20	\$290
	5/8" Purchase Water Comm.	67,887	\$2.03	30	\$11.09	\$471
	1" Purchase Water Comm. - Riverhills	702,777	\$2.03	33	\$29.02	\$2,384
	1.5" Purchase Water Comm. - Riverhills	435,258	\$2.03	17	\$58.04	\$1,870
	2" Purchase Water Comm. - Riverhills	2,416,998	\$2.03	36	\$92.86	\$8,249
	3" Purchase Water Comm. - Riverhills	459,761	\$2.03	6	\$174.12	\$1,978
	3/4" Purchase Water Comm. - Riverhills	59,056	\$2.03	28	\$11.09	\$430
	4" Purchase Water Comm. - Riverhills	142,563	\$2.03	8	\$290.20	\$2,611
	5/8" Purchase Water Comm. - Riverhills	806,648	\$2.03	332	\$11.09	\$5,319
	1" Purchase Water Residential	676,008	\$2.03	23	\$11.09	\$1,627
	1.5" Purchase Water Residential	151,166	\$2.03	6	\$11.09	\$373
	2" Purchase Water Residential	131,365	\$2.03	5	\$11.09	\$322
	3/4" Purchase Water Residential	8,798	\$2.03	1	\$11.09	\$29
	4" Purchase Water Residential	17,969	\$2.03	1	\$11.09	\$48
	5/8" Purchase Water Residential	17,873,958	\$2.03	2,807	\$11.09	\$67,414
	Purchase Water Residential - RH (All Meter Sizes)	18,264,252	\$2.03	2,660	\$11.09	\$66,576
	1" Commercial	1,958	\$3.55	1	\$29.02	\$36
	5/8" Commercial	7,183	\$3.55	8	\$11.09	\$114
	Water Residential (All Meter Sizes)	6,806,897	\$3.55	1,508	\$11.09	\$40,888
						\$203,567
	Revenue Overview for Period February 1 to December 31, 2012 Rates Approved in Order No. 2012-31					
	1" Purchase Water Comm.	199,320	\$2.23	55	\$31.81	\$2,194
	1.5" Purchase Water Comm.	30,534	\$2.23	11	\$63.63	\$768
	2" Purchase Water Comm.	6,920,705	\$2.23	99	\$101.80	\$25,511
	3" Purchase Water Comm.	25,337	\$2.23	11	\$190.89	\$2,156
	4" Purchase Water Comm.	0	\$2.23	11	\$318.14	\$3,500
	5/8" Purchase Water Comm.	746,755	\$2.23	330	\$12.16	\$5,678
	1" Purchase Water Comm. - Riverhills	7,730,543	\$2.23	363	\$31.81	\$28,786
	1.5" Purchase Water Comm. - Riverhills	4,787,842	\$2.23	187	\$63.63	\$22,576
	2" Purchase Water Comm. - Riverhills	26,586,982	\$2.23	396	\$101.80	\$99,602
	3" Purchase Water Comm. - Riverhills	5,057,369	\$2.23	66	\$190.89	\$23,877
	3/4" Purchase Water Comm. - Riverhills	649,614	\$2.23	308	\$12.16	\$5,194
	4" Purchase Water Comm. - Riverhills	1,568,197	\$2.23	88	\$318.14	\$31,493
	5/8" Purchase Water Comm. - Riverhills	8,873,124	\$2.23	3,652	\$12.16	\$64,195
	1" Purchase Water Residential	7,436,083	\$2.23	253	\$12.16	\$19,659
	1.5" Purchase Water Residential	1,662,824	\$2.23	66	\$12.16	\$4,511
	2" Purchase Water Residential	1,445,015	\$2.23	55	\$12.16	\$3,891
	3/4" Purchase Water Residential	96,773	\$2.23	11	\$12.16	\$350
	4" Purchase Water Residential	197,661	\$2.23	11	\$12.16	\$575
	5/8" Purchase Water Residential	196,613,534	\$2.23	30,877	\$12.16	\$813,913
	Purchase Water Residential - RH (All Meter Sizes)	200,906,771	\$2.23	29,260	\$12.16	\$803,824
	1" Commercial	21,533	\$3.89	11	\$31.81	\$434
	5/8" Commercial	79,008	\$3.89	88	\$12.16	\$1,377
	Water Residential (All Meter Sizes)	74,875,870	\$3.89	16,588	\$12.16	\$492,977
						\$2,457,041
	Water Service Total	596,194,246		90,324		\$2,660,608
SEWER	Revenue Overview for Period January 1 to January 31, 2012 Rates approved by PSC					
	WW Commercial (All Meter Sizes)			328.00	\$39.00	\$12,792
	Commercial WW Treatment - RH (All Meter Sizes)			1,178.60	\$25.70	\$30,290
	Residential WW Service (All Meter Sizes)			367.00	\$25.70	\$9,432
	WW Residential (All Meter Sizes)			7,855.00	\$39.00	\$306,345
	Residential WW Service (All Meter Sizes)			0.00	\$25.70	\$0
	Residential WW Treatment - YC (All Meter Sizes)			3,155.00	\$25.70	\$81,084
	Town of Chapin Purchase WW Res (All Meter Sizes)			129.00	\$25.70	\$3,315
	WW Trailer Residential (All Meter Sizes)			97.00	\$27.77	\$2,694
	Van Arsdale WW Treatment (All Meter Sizes)			416.00	\$16.53	\$6,876
	Riverhills WW Treatment (All Meter Sizes)			24.00	\$25.70	\$617
						\$453,445
	Revenue Overview for Period February 1 to December 31, 2012 Rates Approved in Order No. 2012-31					
	WW Commercial (All Meter Sizes)			3,608.00	\$40.56	\$146,340
	Commercial WW Treatment - RH (All Meter Sizes)			12,964.60	\$26.73	\$346,544
	Residential WW Service (All Meter Sizes)			4,037.00	\$26.73	\$107,909
	WW Residential (All Meter Sizes)			86,405.00	\$40.56	\$3,504,587
	Residential WW Service (All Meter Sizes)			0.00	\$26.73	\$0
	Residential WW Treatment - YC (All Meter Sizes)			34,705.00	\$26.73	\$927,665
	Town of Chapin Purchase WW Res (All Meter Sizes)			1,419.00	\$26.73	\$37,930
	WW Trailer Residential (All Meter Sizes)			1,067.00	\$28.88	\$30,815
	Van Arsdale WW Treatment (All Meter Sizes)			4,576.00	\$18.78	\$85,937
	Riverhills WW Treatment (All Meter Sizes)			264.00	\$26.73	\$7,057
						\$5,194,784
	Sewer Service Total			162,595		\$5,648,229
	Total Water and Sewer Service Revenues					\$8,308,837
	Miscellaneous Revenues - Late Fees					\$51,405
	Miscellaneous Revenues - Notification Fee					\$64,033
	Miscellaneous Revenues - New Customer Charge					\$24,547
	Miscellaneous Revenues - NSF Check Charge					\$4,350
	Miscellaneous Revenues - Reconnection Fee					\$61,565
	Miscellaneous Revenues - Elder Valve Install Reconnection Charge					\$3,500
	Miscellaneous Revenues - Disconnection Charges for Water & Sewer Service					\$0
	Miscellaneous Revenues - Meter Installation Charge					\$0
	Miscellaneous Revenues - Tampering Charge					\$0
	Miscellaneous Revenues - Letts Tank Pumping Charge					\$300
	Miscellaneous Revenues - Other (3)					\$651
	Total Miscellaneous Revenues					\$210,351
	Uncollectible Accounts					(\$55,800)
	Total Operating Revenues					\$8,463,388

CAROLINA WATER SERVICE, INC.
2013-275-WS
REVENUE IMPACT ANALYSIS

REVISED EXHIBIT WJM-2

Calculated CWS Proposed Settlement Revenue Overview

	Customer Classification	Consumption in Gallons	Usage Charge per 1,000 gallons	Service Units	Base Facility Charge (BFC)	Test Year Calculated Revenues	Increase Amount	% Increase
WATER	1" Purchase Water Comm.	217,440	\$2.71	60	\$32.68	\$2,550	\$174	7.32%
	1.5" Purchase Water Comm.	33,310	\$2.71	12	\$65.37	\$875	\$43	5.17%
	2" Purchase Water Comm.	7,549,860	\$2.71	108	\$104.59	\$31,756	\$4,132	14.96%
	3" Purchase Water Comm.	27,640	\$2.71	12	\$196.12	\$2,428	\$93	3.98%
	4" Purchase Water Comm.	0	\$2.71	12	\$326.96	\$3,924	\$134	3.54%
	5/8" Purchase Water Comm.	814,642	\$2.71	360	\$12.49	\$6,704	\$555	9.03%
	1" Purchase Water Comm. - Riverhills	8,433,320	\$2.71	396	\$32.68	\$35,796	\$4,626	14.84%
	1.5" Purchase Water Comm. - Riverhills	5,223,100	\$2.71	204	\$65.37	\$27,490	\$3,044	12.45%
	2" Purchase Water Comm. - Riverhills	29,003,980	\$2.71	432	\$104.59	\$123,784	\$15,933	14.77%
	3" Purchase Water Comm. - Riverhills	5,517,130	\$2.71	72	\$196.12	\$29,072	\$3,217	12.44%
	3/4" Purchase Water Comm. - Riverhills	708,670	\$2.71	336	\$12.49	\$6,117	\$493	8.77%
	4" Purchase Water Comm. - Riverhills	1,710,760	\$2.71	96	\$326.96	\$36,024	\$1,920	5.63%
	5/8" Purchase Water Comm. - Riverhills	9,679,772	\$2.71	3,984	\$12.49	\$75,992	\$6,478	9.32%
	1" Purchase Water Residential	8,112,091	\$2.71	276	\$12.49	\$25,431	\$4,145	19.47%
	1.5" Purchase Water Residential	1,813,990	\$2.71	72	\$12.49	\$5,815	\$931	19.06%
	2" Purchase Water Residential	1,576,380	\$2.71	60	\$12.49	\$5,021	\$808	19.18%
	3/4" Purchase Water Residential	105,570	\$2.71	12	\$12.49	\$436	\$57	15.04%
	4" Purchase Water Residential	215,630	\$2.71	12	\$12.49	\$734	\$111	17.82%
	5/8" Purchase Water Residential	214,487,491	\$2.71	33,684	\$12.49	\$1,001,974	\$120,647	13.69%
	Purchase Water Residential - RH (All Meter Sizes)	219,171,022	\$2.71	31,920	\$12.49	\$992,634	\$122,234	14.04%
	1" Commercial	23,490	\$4.72	12	\$32.68	\$503	\$33	7.02%
	5/8" Commercial	86,190	\$4.72	96	\$12.49	\$1,606	\$115	7.71%
	Water Residential (All Meter Sizes)	81,682,767	\$4.72	18,096	\$12.49	\$611,562	\$77,697	14.55%
	Water Service Total	596,194,246		90,324		\$3,028,228	\$367,620	13.82%
SEWER	WW Commercial (All Meter Sizes)			3,936.00	\$45.04	\$177,277	\$18,145	11.40%
	Commercial WW Treatment - RH (All Meter Sizes)			14,143.20	\$29.69	\$419,912	\$43,078	11.43%
	Residential WW Service (All Meter Sizes)			4,404.00	\$29.69	\$130,755	\$13,414	11.43%
	WW Residential (All Meter Sizes)			94,260.00	\$45.04	\$4,245,470	\$434,538	11.40%
	Residential WW Service (All Meter Sizes)			0.00	\$29.69	\$0	\$0	
	Residential WW Treatment - YC (All Meter Sizes)			37,860.00	\$29.69	\$1,124,063	\$115,314	11.43%
	Town of Chapin Purchase WW Res (All Meter Sizes)			1,548.00	\$29.69	\$45,960	\$4,715	11.43%
	WW Trailer Residential (All Meter Sizes)			1,164.00	\$32.07	\$37,329	\$3,820	11.40%
	Van Arsdale WW Treatment (All Meter Sizes)			4,992.00	\$20.86	\$104,133	\$11,320	12.20%
	Riverhills WW Treatment (All Meter Sizes)			288.00	\$29.69	\$8,551	\$877	11.43%
	Sewer Service Total			162,595		\$6,293,450	\$645,221	11.42%
	Total Water and Sewer Service Revenues					\$9,321,678	\$1,012,841	12.19%
	Miscellaneous Revenues - Late Fees (4)					\$57,671	\$6,266	12.19%
	Miscellaneous Revenues - Notification Fee					\$64,033	\$0	0.00%
	Miscellaneous Revenues - New Customer Charge					\$24,547	\$0	0.00%
	Miscellaneous Revenues - NSF Check Charge					\$4,350	\$0	0.00%
	Miscellaneous Revenues - Reconnection Fee					\$0	-\$61,565	-100.00%
	Miscellaneous Revenues - Elder Valve Install Reconnection Charge					\$0	-\$3,500	-100.00%
	Miscellaneous Revenues - Disconnection Charges for Water & Sewer Service					\$79,080	\$79,080	
	Miscellaneous Revenues - Meter Installation Charge					\$7,000	\$7,000	
	Miscellaneous Revenues - Tampering Charge					\$4,500	\$4,500	
	Miscellaneous Revenues - Letts Tank Pumping Charge					\$300	\$300	
	Miscellaneous Revenues - Other (3)					\$651	\$0	0.00%
	Total Miscellaneous Revenues					\$242,132	\$31,781	15.11%
	Uncollectible Accounts					(\$62,643)	(\$6,843)	12.26%
	Total Operating Revenues					\$9,501,167	\$1,037,779	12.26%

Calculation Methodology:

- (1) Consumption and Units reflected as reported during test year. Growth factor not included for comparison purposes.
- (2) Customer Deposits and Interest on Deposits are not included in any of the above computations.
- (3) "Miscellaneous Revenues - Other" is added by ORS to account for CWS's revenue received from a 3rd party vendor, Home Service, for the use of CWS customer information to market a product to provide insurance for repairs that may be required on customer-owned piping.
- (4) "Miscellaneous Revenues - Late Fees" are increased due to late payment fee increases resulting from the proposed rates requested by CWS.